UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/23/2007

Richmond, Hitchcock, Fish & Dollar P.O. Box 2443 Bartlesville, OK 74005 EXAMINER

JOHNSON, EDWARD M

ART UNIT PAPER NUMBER

1754

6892

DATE MAILED: 03/23/2007

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| · | | | | |

10/660,138

09/11/2003

Edward L. Sughrue

TITLE OF INVENTION: DESULFURIZATION AND SORBENTS FOR SAME

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 06/25/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) | | | Fee pap | (s) Transmittal. Thi ers. Each additiona | s certi | ficate cannot be used for | r domestic mailings of the or any other accompanying at or formal drawing, mus | |
|--|--|--|--|---|----------------------------|--|--|--|
| | 7590 03/23 | | • | Cer | tificate | e of Mailing or Transi | nission | |
| Richmond, Hit P.O. Box 2443 | chcock, Fish & D | ollar | I he Stat | reby certify that the | s Fee(| s) Transmittal is being | deposited with the United t class mail in an envelope | |
| Bartlesville, OK | 74005 | | add tran | ressed to the Mail | Stop | ISSUE FEE address 1) 273-2885, on the da | above, or being facsimile attended to the indicated below. | |
| , | | | | | | | (Depositor's name) | |
| | | | | | | | (Signature) | |
| | | • | | | | | (Date) | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTOR | | ATTO | RNEY DOCKET NO. | CONFIRMATION NO. | |
| 10/660,138 | 09/11/2003 | | Edward L. Sughrue | | | | 6892 | |
| TITLE OF INVENTION | : DESULFURIZATION | AND SORBENTS FOR | J | | | | 5572 | |
| | | | | | | | | |
| | | | | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE | FEE | TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | NO | \$1400 | \$300 | \$0 | | \$1700 | 06/25/2007 | |
| EXAM | IINER | ART UNIT | CLASS-SUBCLASS |) · | | | | |
| JOHNSON, I | EDWARD M | 1754 | 585-014000 | • | | | | |
| 1. Change of correspond CFR 1.363). | ence address or indication | n of "Fee Address" (37 | 2. For printing on the p | | | | | |
| Change of corresp | ondence address (or Cha | nge of Correspondence | (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, | | | | | |
| Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form | | | (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to | | | | | |
| PTO/SB/47; Rev 03-0 Number is required. |)2 or more recent) attach | ed. Use of a Customer | 2 registered patent atto listed, no name will be | mevs or agents. It is | no nam | ie is 3 | | |
| | | TO BE PRINTED ON | I ΓΗΕ PATENT (print or ty | <u>- </u> | | -: | | |
| | | | data will appear on the p T a substitute for filing an | | e is ic | dentified below, the do | cument has been filed for | |
| (A) NAME OF ASSIG | | eletion of this form is NO | (B) RESIDENCE: (CITY | = | | | | |
| (A) WANTE OF ASSI | GIVEE | | (b) RESIDENCE. (CIT I | and STATE OR C | OONI | KI) | | |
| | | | | | | | | |
| Please check the appropr | iate assignee category or | categories (will not be pr | inted on the patent) : | Individual 🗆 Co | rporati | on or other private gro | up entity Government | |
| 4a. The following fee(s) | are submitted: | 4t | o. Payment of Fee(s): (Plea | ise first reapply an | y prev | iously paid issue fee s | hown above) | |
| ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies | | | A check is enclosed. | | | | | |
| | | | Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any | | | | | |
| | | | overpayment, to Depo | sit Account Number | r | equired fee(s), any def | extra copy of this form). | |
| 5. Change in Entity Sta | | | | | | | | |
| | s SMALL ENTITY statu | | b. Applicant is no lon | | | | | |
| interest as shown by the | records of the United Sta | tes Patent and Trademark | d from anyone other than t Office. | | icicu a | attorney or agent, or the | e assignee or other party in | |
| Authorized Signature | | N * | | Date | | | | |
| Typed or printed name | | | | | | | | |
| | | | on is required to obtain or r | | | | | |
| an application. Confident submitting the completed this form and/or suggesti | tiality is governed by 35 dapplication form to the | U.S.C. 122 and 37 CFR USPTO. Time will vary | on is required to obtain or r 1.14. This collection is est depending upon the indiv c Chief Information Office COMPLETED FORMS TO | retain a benefit by the imated to take 12 no ridual case. Any control of the table and the table and the table and the table are the table and the table are table. | e publ ninutes nment | to complete, including s on the amount of time | by the USPTO to process, gathering, preparing, and it you require to complete | |
| Box 1450, Alexandria, V Alexandria, Virginia 223 | irginia 22313-1450. DO | NOT SEND FEES OR | COMPLETED FORMS TO | O THIS ADDRESS | SENI | O TO: Commissioner for | or Patents, P.O. Box 1450, | |

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. **FILING DATE** FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/660,138 09/11/2003 Edward L. Sughrue 6892 **EXAMINER** 03/23/2007 JOHNSON, EDWARD M Richmond, Hitchcock, Fish & Dollar P.O. Box 2443 ART UNIT PAPER NUMBER Bartlesville, OK 74005 1754 DATE MAILED: 03/23/2007

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 665 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 665 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.